

INTERNATIONAL SEARCH REPORT

Inter Application No

PCT/IB 03/03146

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G06K19/08

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G06K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 01 24169 A (EKUS BRYAN) 5 April 2001 (2001-04-05) abstract page 4, line 15 -page 5, line 21 page 7, line 26 -page 8, line 2 figures 2,4	1-9
Y	HAGHIRI, YAHYA: "Vom Plastik zur Chipkarte" 1999, HANSER VERLAG, MUNICH, VIENNA XP002254868 ISBN: 3-446-21249-3 page 26 -page 29 page 240 -page 241	1-5,9
Y	EP 0 702 325 A (NACIONAL MONEDA TIMBRE) 20 March 1996 (1996-03-20) abstract; figures 1-4	6,7
	-/--	



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

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Date of the actual completion of the international search

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	EP 0 328 124 A (DEUTSCHE BUNDESPOST) 16 August 1989 (1989-08-16) column 1, line 16 -column 4, line 22; figure 2 ----	6
Y	DE 199 43 092 A (ORGA KARTENSYSTEME GMBH) 15 March 2001 (2001-03-15) cited in the application abstract; figures 1-5 ----	8
Y	PATENT ABSTRACTS OF JAPAN vol. 015, no. 203 (M-1116), 24 May 1991 (1991-05-24) -& JP 03 055296 A (TOSHIBA CORP), 11 March 1991 (1991-03-11) abstract; figures 1,3,4 -----	6,7

INTERNATIONAL SEARCH REPORT

Inte I Application No

PCT/IB 03/03146

Patent document cited in search report		Publication date	Patent member(s)	Publication date
WO 0124169	A	05-04-2001	AU 7843400 A WO 0124169 A1	30-04-2001 05-04-2001
EP 0702325	A	20-03-1996	ES 2102317 A2 AU 695335 B2 AU 3069995 A CA 2158530 A1 EP 0702325 A2 FI 954418 A NO 953678 A NZ 280036 A ZA 9507890 A	16-07-1997 13-08-1998 04-04-1996 20-03-1996 20-03-1996 20-03-1996 20-03-1996 24-06-1997 29-04-1996
EP 0328124	A	16-08-1989	DE 3804361 C1 DE 58909742 D1 EP 0328124 A2	29-09-1988 14-11-1996 16-08-1989
DE 19943092	A	15-03-2001	DE 19943092 A1 AU 7506800 A WO 0118750 A1 EP 1129431 A1	15-03-2001 10-04-2001 15-03-2001 05-09-2001
JP 03055296	A	11-03-1991	NONE	